in this city, a large number of cellars were flooded, considerable lumber washed away, and crops on low ground destroyed.

El Dorado, Butler Co., Kans., 17th: extensive rains have caused a flood in the valley of the Walnut. Part of the Missouri Pacific track has been washed away. Iola, Allen Co., the 16th and 17th caused the tide to rise higher than it has been since 1848; all wharves on the river were submerged, Neosho River and its tributaries. Crops have been badly entailing slight damage.—Report of Mrs. Mary W. Broberg.

damaged. There is a serious washout on the Saint Louis, Wichita, and Western Railroad.—Buffalo, N. Y., Express, 18.

Manatee, Manatee Co., Fla.: the high southeast wind on

ATMOSPHERIC ELECTRICITY.

AURORAS.

Auroras were noted at Saint Vincent, Minn., 14th; Parkston, Dak., 15th; and Orono, Me., 20th. The display at Saint Vincent was first observed at about midnight of the 14th, and consisted of an arch extending from azimuth 160° to 205° and to altitude 12°, and had much the appearance of a rainbow, though somewhat broader. The display remained materially unchanged until daybreak of the 15th.

THUNDER-STORMS.

The more severe thunder-storms are described under "Local storms." Thunder-storms were reported in the greatest number of states and territories, thirty-six, on the 15th; in thirtyone on the 14th; in thirty on the 17th; in twenty-eight on the 16th, 20th, and 28th; in twenty-seven on the 29th; in twenty-12th, and 25th; in from ten to fourteen, inclusive, on the 22d were reported.

to 24th; in eight on the 1st; and in seven on the 2d. There were no dates for which thunder-storms were reported in less than seven states and territories.

Thunder-storms were reported on the greatest number of dates, twenty-eight, in Texas; on twenty-five in Kansas; on twenty-three in Florida, Louisiana, Michigan, and Tennessee; on twenty-two in Dakota; on from fifteen to twenty, inclusive, in Alabama, Arizona, Georgia, Illinois, Indiana, Indian Territory, Iowa, Mississippi, Missouri, Nebraska, New York, North Carolina, Ohio, Pennsylvania, South Carolina, and Virginia; on from ten to fourteen, inclusive, in Arkansas, Connecticut, Maine, Minnesota, Nevada, New Jersey, New Mexico, Vermont, Wisconsin, and Wyoming; on from five to nine, inclusive, in California, Colorado, Kentucky, Maryland, Massachusetts, Montana, New Hampshire, Utah, and West Virginia; six on the 21st; in from twenty to twenty-five, inclusive, on on from one to four, inclusive, in Delaware, District of Columbia 4th to 6th, 8th to 11th, 13th, 18th, 19th, 26th, 27th, and 30th; in from fifteen to nineteen, inclusive, on the 3d, 7th, state or territory, Washington, in which no thunder-storms

MISCELLANEOUS PHENOMENA.

FOREST FIRES.

Two Harbors, Lake Co., Minn., 12th: forest fires are raging along the Iron Range Railroad. This city is enveloped in smoke. A strong wind has been blowing all day, and every thing is dry as tinder, which renders the conditions very fa-Vorable for the progress of the fires. Ely, Emmet Co., Mich., 12th: the most destructive fires of the season are burning in this section; twelve to fifteen houses have been destroyed, and much damage has been done to railroad property. The

Palladium, Oswego, N. Y., June 14.

Superior, Douglas Co., Wis., 13th: a destructive fire is sweeping the forests south and west of here. Already over \$500,000 worth of pine has been destroyed. The districts tributary to Nemadji and Saint Louis rivers, in Wisconsin and Minnesota, are suffering terribly. The smoke from the burning districts obscures the sun and renders it difficult for vessels to enter the harbor. A strong wind is blowing from the southwest and several villages are threatened. The fires are raging from Saint Croix to the Northern Pacific Junction .-

Union and Advertiser, Rochester, N. Y., June 13.
Ellensburgh, Kittitass Co., Wash.. 17th: severe forest fires prevail on the east side of the Cascade Mountains. The roar of the flames are heard for miles, and during the night the sky is illuminated with a glow. High wind prevails and the fires are extending.—Union and Advertiser, Rochester, N. Y., June 17.

Fort Apache, Ariz., 24th: the heavy rain during the last three days, it is believed, has extinguished the extensive fires Which have prevailed near the headwaters of the White Mountain River since the 13th.

Forest fires were also reported as follows: Red Bluff, Cal. 1st, 4th to 7th; Linkville, Oregon, 10th; Fort Klamath, Oregon, 19th to 22d; Los Angeles, Cal., brush fires, 9th.

they were noted on fifteen days; in Texas on thirteen days; Maryland, Massachusetts, Michigan, Missouri, North Carolina,

in Washington on twelve days; in Dakota on eleven days; in California, Idaho, Kansas, Maryland, Massachusetts, Michigan, Minnesota, Nevada, New Jersey, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, and Virginia, on from five to ten days, inclusive; in Alabama, Arizona, Arkansas, Indiana, Indian Territory, Iowa, Louisiana, Maine, Missouri, Nebraska, New Hampshire, and Wisconsin, on from one to four, inclusive. In Colorado, Connecticut, District of Columbia, Florida, Georgia, Kentucky, Mississippi, Montana, New Mexico, Rhode Island, Utah, West Virginia, and Wyoming no solar halos were reported during the month. They were reported in the greatest number of states and territories, fourteen, on the 1st and 3d; in twelve on the 2d; in eleven on the 6th and 17th; in from five to ten, inclusive, on the 4th, 5th, 7th to 9th, 11th, 13th to 16th, 18th, 20th, 24th, 25th, and 29th; and in from one to four, inclusive, on the 10th, 19th, 21st to 23d, 27th, 28th, and 30th. For dates other than those named no solar halos were reported.

Lampasas, Lampasas Co., Tex.: the solar halo observed at noon on the 6th was a remarkably beautiful one; it was very brilliant, and formed a complete circle. All the colors were distinct, the red being next to the sun. The phenomenon lasted about one hour, and the prismatic colors faded some time before the disappearance of the halo. Very light cirrus clouds, seemingly stationary, were evenly distributed in the zenith during the time of the halo, although a moderate southeast wind was blowing below. Rain fell every day during the six days following; that on the sixth day being the heaviest known here for many years, 4.26 inches falling in about twelve hours.—Report of Dr. C. M. Ramsdell.

Lunar halos were most frequently reported in South Carolina, where they were noted on eight dates; in Illinois, New Jersey, Ohio, and Tennessee on seven dates; in Dakota and Minnesota on six dates; in Alabama, Arkansas, California, Florida. Solar halos were most frequently reported in Illinois, where Georgia, Idaho, Indiana, Iowa, Kansas, Louisiana, Maine,